

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S131	2802	voltage same sinusoidal same motor	US-PGPUB; USPAT	OR	ON	2010/01/20 06:45
S132	231272	voltage same non sinusoidal same motor	US-PGPUB; USPAT	OR	ON	2010/01/20 06:45
S133	109	voltage same non adj sinusoidal same motor	US-PGPUB; USPAT	OR	ON	2010/01/20 06:45
S134	24	voltage with non adj sinusoidal with motor	US-PGPUB; USPAT	OR	ON	2010/01/20 06:45
S135	1	("6025691").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/20 06:56
S136	212	voltage with non adj sinusoidal with current	US-PGPUB; USPAT	OR	ON	2010/01/20 07:04
S137	29	voltage with non adj sinusoidal with current same motor	US-PGPUB; USPAT	OR	ON	2010/01/20 07:04
S138	0	voltage with non adj trapezoidal with current same motor	US-PGPUB; USPAT	OR	ON	2010/01/20 07:13
S139	100	voltage with trapezoidal with current same motor	US-PGPUB; USPAT	OR	ON	2010/01/20 07:13
S140	71	voltage with trapezoidal with current with motor	US-PGPUB; USPAT	OR	ON	2010/01/20 07:13
S141	6	"562255".ap.	US-PGPUB; USPAT	OR	ON	2010/01/20 07:25
S142	0	trapezoidal with voltage and synchronous with permanent with magnet with motor	US-PGPUB; USPAT	OR	ON	2010/01/20 07:30
S143	122	trapezoidal with voltage and synchronous with motor	US-PGPUB; USPAT	OR	ON	2010/01/20 07:30
S144	18	trapezoidal with voltage same synchronous with motor	US-PGPUB; USPAT	OR	ON	2010/01/20 07:31
S145	8	trapezoidal with voltage with motor with supplied	US-PGPUB; USPAT	OR	ON	2010/01/20 07:35
S146	1	("4844156").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/20 11:15
S147	157	trapezoidal with voltage with motor	US-PGPUB; USPAT	OR	ON	2010/01/20 12:17

S148	27	trapezoidal with voltage with motor and "310".ccls.	US-PGPUB; USPAT	OR	ON	2010/01/20 12:19
S149	1	("20060133082").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/20 15:39
S150	1	("20060113082").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/20 15:39
S151	46	trapezoid\$3 with voltage with torque	US-PGPUB; USPAT	OR	ON	2010/01/22 09:59
S152	6	"562255".ap.	US-PGPUB; USPAT	OR	ON	2010/01/24 16:08
S153	1672	trapezoidal with voltage	US-PGPUB; USPAT	OR	ON	2010/01/24 16:13
S154	157	trapezoidal with voltage with motor	US-PGPUB; USPAT	OR	ON	2010/01/24 16:14
S155	0	trapezoidal with voltage and synchronous with permanent with magnet with motor	US-PGPUB; USPAT	OR	ON	2010/01/24 16:14
S156	51	trapezoidal with voltage and synchronous with permanent with magnet with motor	US-PGPUB; USPAT	OR	ON	2010/01/24 16:15
S157	2	((("5570437") or ("6644402"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/24 16:53
S158	57	compressible with incompressible and "166".ccls.	US-PGPUB; USPAT	OR	ON	2010/01/25 06:42
S159	27	compressible with incompressible with fluid and "166".ccls. and packer	US-PGPUB; USPAT	OR	ON	2010/01/25 06:42
S160	2	((("5297633") or ("3575237"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/25 07:06
S161	1	("7188547").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/25 11:28
S162	63	permanent with magnet and trapezoid\$3 with voltage same torque	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/25 12:32
S163	24	permanent with magnet with synchronous with motor and trapezoid\$3 with voltage same torque	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/25 12:32
S164	895	voltage with source and voltage with trapezoidal	US-PGPUB; USPAT	OR	ON	2010/01/25 12:39
S165	0	voltage with source and voltage with trapezoidal and submergible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:40

S166	6	voltage with source and voltage with trapezoidal and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:40
S167	6	voltage with trapezoidal and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:40
S168	171	voltage with wave and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:40
S169	530	voltage with motor and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:41
S170	3	voltage with non adj sinusoidal and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:41
S171	48	voltage with sinusoidal and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:42
S172	6	voltage with trapezoid\$2 and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:54
S173	88	voltage with square and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:54
S174	7	voltage with rectangular and submersible	US-PGPUB; USPAT	OR	ON	2010/01/25 12:55
S175	151	voltage with supply with trapezoidal	US-PGPUB; USPAT	OR	ON	2010/01/25 12:59
S176	20	voltage with supply with trapezoidal and torque	US-PGPUB; USPAT	OR	ON	2010/01/25 13:05
S177	396	inductive with synchronous	US-PGPUB; USPAT	OR	ON	2010/01/25 13:38
S178	4	permanent with magnet with synchronous and trapezoid\$3 with voltage same supply	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/25 13:41
S179	27	motor with synchronous and trapezoid\$3 with voltage same supply	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/25 13:46
S180	2	S175 and french adj patent	US-PGPUB; USPAT	OR	ON	2010/01/25 13:54
S181	386	trapezoidal with voltage not induced and motor	US-PGPUB; USPAT	OR	ON	2010/01/25 14:01
S182	55	trapezoidal with voltage not induced and permanent with magnet with motor	US-PGPUB; USPAT	OR	ON	2010/01/25 14:01
S183	51	trapezoidal with voltage and synchronous with permanent with magnet with motor	US-PGPUB; USPAT	OR	ON	2010/01/25 14:01
S184	43	S182 not S183	US-PGPUB; USPAT	OR	ON	2010/01/25 14:01

S185	10	trapezoidal with voltage with inverter and permanent with magnet with motor	US-PGPUB; USPAT	OR	ON	2010/01/25 14:04
S186	6	trapezoidal with voltage with inverter and synchronous with motor	US-PGPUB; USPAT	OR	ON	2010/01/25 14:15
S187	2	S186 not S185	US-PGPUB; USPAT	OR	ON	2010/01/25 14:15
S188	1116	permanent with magnet with motor and torque adj ripple	US-PGPUB; USPAT	OR	ON	2010/01/26 16:48
S189	1	S188 and nonsinusoidal with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 16:48
S190	9	S188 and non adj sinusoidal with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 16:48
S191	62	S188 and trapezoidal with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 16:49
S192	92	permanent with magnet with motor and torque adj ripple same trapezoidal	US-PGPUB; USPAT	OR	ON	2010/01/26 16:49
S193	13	permanent with magnet with motor and torque adj ripple same trapezoidal with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 16:49
S194	21	permanent with magnet with motor and inverter with trapezoidal	US-PGPUB; USPAT	OR	ON	2010/01/26 16:52
S195	10	permanent with magnet with motor and inverter with trapezoidal with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 16:53
S196	4	torque with ripple same inverter with trapezoidal with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 16:57
S197	26	torque with ripple same trapezoidal with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 16:58
S198	0	torque same trapezoidal with voltage with wave with supplied	US-PGPUB; USPAT	OR	ON	2010/01/26 17:06
S199	36	torque same trapezoidal with voltage with wave	US-PGPUB; USPAT	OR	ON	2010/01/26 17:06
S200	21	S199 not S197	US-PGPUB; USPAT	OR	ON	2010/01/26 17:06
S201	16	permanent with magnet with synchronous with motor and trapezoidal with voltage with wave	US-PGPUB; USPAT	OR	ON	2010/01/26 17:12

S202	34	permanent with magnet with synchronous with motor and trapezoidal with voltage with waveform	US-PGPUB; USPAT	OR	ON	2010/01/26 17:15
S203	9	permanent with magnet with synchronous with motor and trapezoidal with voltage with applied	US-PGPUB; USPAT	OR	ON	2010/01/26 17:18
S204	0	pwm with trapezoid\$3 with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 17:22
S205	30	pwm with trapezoid\$3 with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 17:22
S206	1	pulse adj width adj modulator with trapezoid \$3 with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 17:29
S207	2	pulse adj width adj modulator same trapezoid \$3 with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 17:29
S208	65	pwm same trapezoid\$3 with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 17:29
S209	12	pwm same trapezoid\$3 with voltage same torque	US-PGPUB; USPAT	OR	ON	2010/01/26 17:30
S210	47	pulse adj width adj modulat\$3 same trapezoid \$3 with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 17:31
S211	11355	"47" same torque	US-PGPUB; USPAT	OR	ON	2010/01/26 17:31
S212	3	S210 same torque	US-PGPUB; USPAT	OR	ON	2010/01/26 17:32
S213	0	permanent with magnet with synchronous with motor and S210	US-PGPUB; USPAT	OR	ON	2010/01/26 17:33
S214	0	("trapezoid \$3withvoltage").PN.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/26 17:34
S215	654	trapezoid\$3 with voltage	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/26 17:34
S216	75	trapezoid\$3 with voltage same motor	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/26 17:34
S217	75	trapezoid\$3 with voltage same motor	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/26 21:31

S218	75	trapezoid\$3 with voltage same motor	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/26 21:38
S219	46	torque with trapezoid\$3 with voltage	US-PGPUB; USPAT	OR	ON	2010/01/26 22:02
S220	46	torque with trapezoid\$3 with voltage with torque	US-PGPUB; USPAT	OR	ON	2010/01/26 22:08
S221	4	trapezoid\$3 with voltage same motor same torque	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/26 22:08
S222	6	trapezoid\$3 with voltage same motor same vibration	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/26 22:19
S223	6	trapezoid\$3 with voltage same motor same vibration	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/26 22:19
S224	1	("6462491").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/27 10:18
S225	362	model with rotor with position	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:21
S226	111	S225 and synchronous with motor	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:22
S227	14	S225 same synchronous with motor	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/27 10:22
S228	1	("5559419").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/27 10:45

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